USB Enclosure ACS-100

User's Guide

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Regulatory Compliance Statements

Federal Communications Commission Radio Frequency Interference Statement

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. However, if this equipment does cause interference to radio or television equipment reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.
- Use a shielded and properly grounded I/O cable and power cable to ensure compliance of this unit to the specified limits of the rules.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

Adaptec, Inc. ACS-100

Tested to Comply
With FCC Standards

FOR HOME OR OFFICE USE

European Union Compliance Statement

This Information Technology Equipment has been tested and found to comply with EMC Directive 89/336/EEC, as amended by 92/31/EEC and 93/68/EEC, in accordance with:

- EN55022 (1998) Emissions
- EN55024 (1998) Immunity:
  - EN61000-4-2 (1998) Electrostatic discharge: ±4 kV contact, ±8 kV air
  - EN61000-4-3 (1998) Radiated immunity
  - EN61000-4-4 (1995) Electrical fast transients/burst: ±1 kV AC, ±0.5 kV I/O
  - EN61000-4-5 (1995) Surges ±1 kV differential mode, ±2 kV common mode
  - EN61000-4-6 (1996) Conducted immunity: 3 V
  - EN61000-4-11 (1994) Supply dips and variation: 30% and 100%

In addition, all equipment requiring U.L. listing has been found to comply with EMC Directive 73/23/EEC as amended by 93/68/EEC in accordance with EN60950 with amendments A1, A2, A3, A4, A11.

Canadian Compliance Statement

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

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This *User's Guide* explains how to install and connect your Adaptec® ACS-100 USB Enclosure.

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Kit Contents

- Adaptec ACS-100 USB Enclosure
- One enclosure stand
- One power adapter
- One high-quality USB cable
- One bag of screws
- CD, including device drivers and documentation

A disk drive is not included in the kit. The Adaptec ACS-100 USB Enclosure supports 3.5-inch IDE hard disk drives.

System Requirements

To successfully install and use your Adaptec ACS-100 USB Enclosure, your computer must meet these requirements:

- Microsoft® Windows® computers must be running Windows XP, Windows 2000, Windows Me, or Windows 98SE

  Macintosh computers must be running OS 9.2.2 or later for USB 1.1 support, or OS 10.2.7 or later for USB 2.0 support
- Available USB port (see *About USB 2.0 Performance* below for more information)
- CD-ROM drive

About USB 2.0 Performance

Your Adaptec ACS-100 USB Enclosure is a USB 2.0 device. For it to operate at USB 2.0 speeds, it must be connected to a USB 2.0 port, and USB 2.0 drivers must be installed on your computer.

If your computer does not have a built-in USB 2.0 port, Adaptec recommends connecting the USB Enclosure to an Adaptec USB 2.0 adapter for the highest-quality USB 2.0 connection.

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Getting Started Checklist

Complete these steps to install and begin using your Adaptec ACS-100 USB Enclosure:

- ❑ Install the device driver—*Windows 98SE only* (see below).
- ❑ Install a disk drive (see page 7).
- ❑ Connect the enclosure and power it on (see page 9).
- ❑ Prepare the disk drive for use (see page 9).

Installing the Device Driver–*Windows 98SE Only*

Note: *Windows XP/2000/Me and Macintosh users*—No driver installation is required. Your Adaptec ACS-100 USB Enclosure works with the drivers built into your operating system. Continue with *Installing a Disk Drive* on page 7.

Before you begin, ensure you have the most recent operating system updates installed on your computer. Refer to the Microsoft Web site to download updates.

To install the device driver:

1. Power on your computer, if you have not already done so.
2. Insert the CD into your CD-ROM drive.
3. From the Windows **Start** menu, click **Run**, then click **Browse**.
4. Browse to the CD-ROM drive, then double-click **Setup.exe** to begin the driver installation.
5. Follow the on-screen instructions to install the driver.

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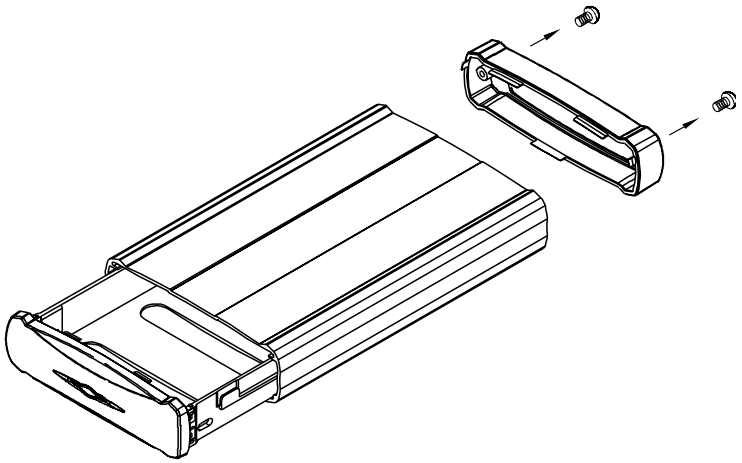
Installing a Disk Drive

Before you begin, ensure that you are installing the proper disk drive. The Adaptec ACS-100 USB Enclosure supports 3.5-inch IDE hard disk drives only.

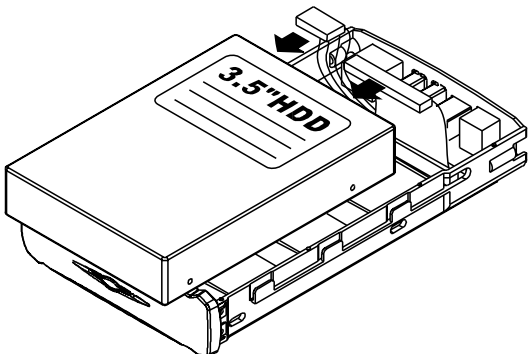
Note: You need a Phillips screwdriver to complete this task.

To install a disk drive into your USB Enclosure:

1. Use a screwdriver to remove the two screws on the back of the enclosure.
2. Remove the enclosure's back panel, as shown below, and slide out the disk drive tray.



3. Connect the disk drive tray's internal power connector and IDE cable to the disk drive.



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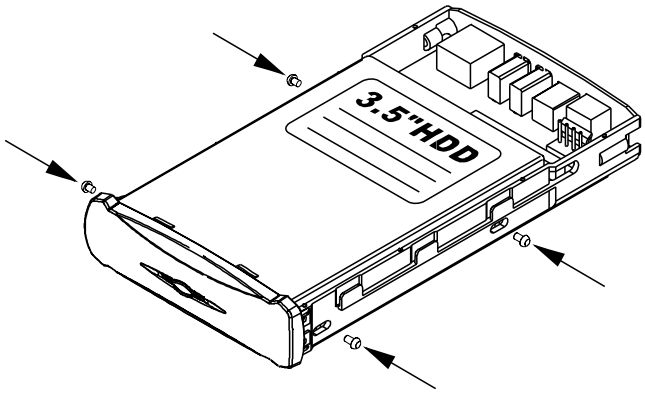
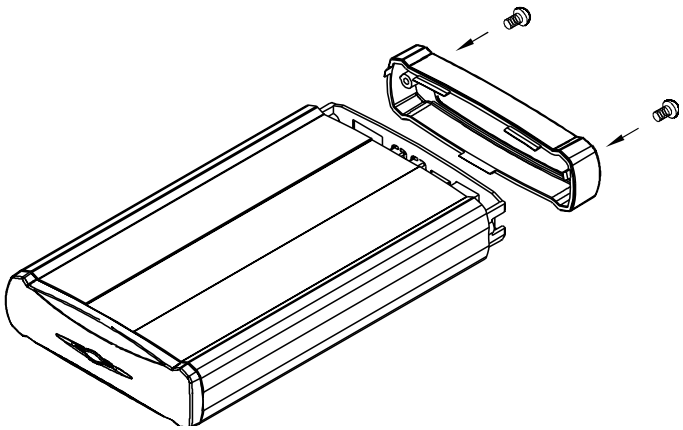
4 Place the disk drive into the disk drive tray and secure it, using the four screws included in the kit.



5 Slide the disk drive tray into the enclosure and replace the back panel, then secure it with the screws you removed in Step 1 on page 7.



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Connecting and Powering On

Note: *Windows 98SE users only*—You must install the device drivers *before* connecting and powering on the USB Enclosure.

To connect the cables and power on:

1. Use the included USB cable to connect the enclosure to an available USB port on your computer.
2. Use the included power adapter to connect the enclosure to a grounded power supply.
3. Power on the enclosure by pushing the on / off switch on the back of the enclosure to the **I** position.

   The LED on the front of the enclosure illuminates.

   Note: The LED flashes when there's activity on the disk drive.

You have successfully installed and connected your Adaptec ACS-100 USB Enclosure.

Next Steps

If you have installed a *new* disk drive in your enclosure, you must prepare it for use by initializing and formatting it, so that your computer can recognize and communicate with it.

Caution: If you've used the disk drive previously and want to preserve the data on it, *do not* initialize and format the disk drive or you'll erase all the data on it. Refer to your operating system documentation for more information.

The process of initializing and formatting a new disk drive differs by operating system. Refer to your operating system documentation for instructions on completing these tasks.

Note: For technical assistance with the initialization and formatting process, please contact Microsoft (Windows users) or Apple (Macintosh users).

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Disconnecting Your USB Enclosure

To disconnect your USB Enclosure from your computer, follow the instructions for your operating system.

Windows

You must use the Unplug or Eject Hardware Wizard to properly disconnect the USB Enclosure from your computer.

To disconnect the enclosure:

1 Click the **Unplug or Eject Hardware Wizard** icon (shown at right) on your system tray, which is in the bottom right corner of your screen.

2 Click **USB Mass Storage Device**, then click **Stop**.

A message appears telling you that the device has been stopped.

3 Click **OK**.

4 Switch off the enclosure.

It is now safe to disconnect your USB Enclosure.

Macintosh

To disconnect the enclosure:

1 Click on the icon for the disk drive and drag it into the trash can.

2 Switch off the enclosure.

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Troubleshooting

If you have problems installing or using your Adaptec ACS-100 USB Enclosure, work through this list of suggestions:

- Ensure that the disk drive has been properly installed.
- Try connecting the enclosure to your computer through a different USB port.
- Try connecting the enclosure to your computer using a different USB cable.
- Try connecting the enclosure to a different power source.
- *Windows 98SE users*—If you connected and powered on your USB Enclosure *before* you installed the device drivers:

  a. On your desktop, right-click **My Computer**, select **Properties**, then click the **Device Manager** tab.

  b. Expand the categories to find your USB device, which will appear with a yellow exclamation mark beside it. Select the enclosure, then click the **Remove** button at the bottom of the window.

  c. Power off the enclosure and disconnect the USB cable.

  d. Complete the driver installation, following the instructions on page 6.

  e. Connect the USB cable and power on the enclosure, following the instructions on page 9.

Adaptec is committed to excellence in quality and support. Go to www.adaptec.com/go/accessories for replacement questions.

For technical assistance initiating and formatting your disk drive, please contact Microsoft (Windows users) or Apple (Macintosh users).

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Stock Number: CDP-00042-01-A, Rev. A, LB 12/04

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